

REMARKS/ARGUMENTS

1. Objection to claim 6:

Claim 6 is objected to due to informalities.

5 **Response:**

Claim 6 has been amended to correct the two informalities mentioned.

Acceptance of the amended claim 6 is respectfully requested.

2. Rejection of claim 10 under 35 U.S.C. 112, second paragraph:

10 Claim 10 is rejected under 35 U.S.C. 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The term “additional” in claim 10 is a relative term which renders the claim indefinite.

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Response:

20 The term “additional” in claim 10 has been removed, and claim 10 has been amended to make the claim language more definite. Claim 10 now recites that another link state has a corresponding third register set, and that the multiplexer is connected to the output of the third register set. This is in addition to the limitations of claim 1, which states that the multiplexer is connected to outputs of the first and second register sets for selecting and outputting either the standby or connection frequency channel parameters.

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As a result of this amendment, reconsideration of claim 10 is respectfully requested.

3. Rejection of claims 1, 3, 4, 7, 8, and 10-12 under 35 U.S.C. 102(b):

Claims 1, 3, 4, 7, 8, and 10-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Ishifuji et al (US 6,061,389, hereafter Ishifuji).

5 **Response:**

Claim 1 recites the limitations of:

“before the radio device changes frequencies from a current time slot to a next time slot the standby frequency channel parameters for the next time slot and the connection frequency channel parameters for the next time slot are stored in the first and second register sets respectively, such that the link state controller switches the multiplexer according to the link state of the radio device for the next time slot so that the selected frequency parameters are loaded into the working register set.”

15 On the other hand, Ishifuji does not teach or suggest that “the link state controller switches the multiplexer according to the link state of the radio device for the next time slot so that the selected frequency parameters are loaded into the working register set”. Ishifuji teaches in column 10, line 66 to column 11, line 6, “In this case, the frequency of the local oscillation signal outputted from the synthesizer 20 111 is sequentially switched according to the frequency search pattern for establishing the synchronization, which is outputted from the search pattern table 530”. However, Ishifuji does not teach or suggest switching to selected frequency parameters for the next time slot before the radio device changes frequencies from a current time slot to a next time slot.

25 Similarly, regarding claim 11, Ishifuji does not teach the claimed limitation of: “inputting the selected frequency channel parameters into the frequency channel controller prior to the beginning of the next time slot for controlling the radio device

during the next time slot.”

5 Since Ishifuji fails to teach all of the limitations contained within claims 1 and 11, Ishifuji does not anticipate claims 1 and 11. Furthermore, claims 3, 4, 7, 8, 10, and 12 are dependent on claims 1 and 11, and should be allowed if claims 1 and 11 are allowed. Reconsideration of claims 1, 3, 4, 7, 8, and 10-12 is therefore respectfully requested.

4. Rejection of claims 2, 5, 9, and 13 under 35 U.S.C. 103(a):

10 Claims 2, 5, 9, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ishifuji in view of Belanger et al. (US 5,729,680).

Response:

15 Claims 2, 5, 9, and 13 are dependent on claims 1 and 11, and should be allowed if their respective base claims are allowed. Reconsideration of claims 2, 5, 9, and 13 is therefore respectfully requested.

5. Rejection of claim 6 under 35 U.S.C. 103(a):

20 Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ishifuji in view of Orava (US 6,829,288).

Response:

Claim 6 is dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claim 6 is therefore respectfully requested.

25 Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,

Winston Hsu

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